

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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## Title of Invention

LOW INTERFERENCE CABLE

Application Number :

Confirmation Number:

First Named Applicant: Wing Lo

Attorney Docket Number: P03049501

Art Unit:

Examiner:

Search string: ( 6414239 or 6388188 or 6266457 or 6265655 or 6242689 or 6225563 or 5880402 or 5831210 or 5110999 or 4885555 or 4538023 or 4208542 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6414239	2002-07-02	Gasque, Jr.	B1	H01B	11/06
	2	6388188	2002-05-14	Harrison	B1	H01B	11/02
	3	6266457	2001-07-24	Jacob	B1	G02B	6/00
	4	6265655	2001-07-24	Schweighofer	B1	H05K	9/00
	5	6242689	2001-06-05	Budge	B1	H01B	11/00
	6	6225563	2001-05-01	Poulsen	B1	H01B	7/08
	7	5880402	1999-03-09	Nugent		H01B	11/02
	8	5831210	1998-11-03	Nugent		H01B	11/02
	9	5110999	1992-05-05	Barbera		H01B	7/34
	10	4885555	1989-12-05	Palmer		H04B	3/28
	11	4538023	1985-08-27	Brisson		H01B	11/12
	12	4208542	1980-06-17	Endo		H01B	7/00

## Remarks

Note: Remarks are not for responding to an office action.

6,414,239 to Gasque, Jr. discloses a cable for a power distribution system which is designed to reduce the total magnetic field surrounding the cable. 6,388,188 to Harrison discloses an audio signal cable in which signal lines are wrapped in a helix pattern around a third nonconductive strand. 6,266,457 to Jacob discloses a system designed to reduce group delay in fiber-optic systems. 6,265,655 to Schweighofer discloses a signal cable which has a third conductor which is connected in parallel to one of the other two conductors. 6,242,689 to Budge discloses a high

fidelity signal cable which weaves multiple signal lines in a helix pattern to reduce group delay. The individual signal lines are woven in counter rotating patterns in the cable such that the skin effect which can create a group delay problem is reduced. 6,225,563 to Pouleson discloses an audio signal cable in which flat signal lines are twisted in a helix pattern inside the cable conduit. 5,880,402 to Nugent discloses an audio signal cable in which signal lines are wrapped in a helix pattern around a central ground line. The individual signal lines are held in place by a series of spaced apart buttons which secure the signal lines. 5,831,210 to Nugent discloses an audio signal cable in which signal lines are wrapped in counter rotating patterns in the cable to minimize interference with one another. 5,110,999 to Barbera discloses an audio power cable in which strands in the lines are sized to reduce the skin effect in the lines. 4,885,555 to Palmer discloses an audio signal cable which uses a magnetic toroid to dissipate undesired frequencies in the signal cable. 4,538,023 to Brisson discloses an audio signal cable which uses separate conductors for the frequency components and the low frequency components. The low frequency conductors are placed in the center of the signal cable and the high frequency conductors are wrapped around the outside of the low frequency conductors. This results in the high frequency conductors having a longer overall length than the low frequency conductors, which then results in reduced group delay. 4,208,542 to Endo discloses an audio signal cable in which multiple signal strands are wrapped around one another in opposing helical patterns.

### Signature

Examiner Name	Date